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32.6. Run level shell script to start Oracle 10g services on RedHat Enterprise Linux (RHAS 4)

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32.6. Run level shell script to start Oracle 10g services on RedHat Enterprise Linux (RHAS 4)

```
#!/bin/bash
###############################################################
# Script to startup and shutdown Oracle and listener
# Author: neo - http://netkiller.8800.org
# File:/etc/rc.d/init.d/oracle
# chmod 750 /etc/init.d/oracle
# chkconfig --add oracle --level 0356
###############################################################
# Setup environment for script execution
export ORACLE_BASE=/u01/app/oracle
export ORACLE_HOME=/u01/app/oracle/product/10.2.0.1/
export PATH=$ORACLE_HOME/bin:$ORACLE_HOME/Apache/Apache/bin:$PATH
export NLS_LANG='croatian_croatia.ee8iso8859p2'
export ORACLE_SID=orcl
export DISPLAY=:0
export USER=oracle
if [ -f ./home/oracle/.bash_profile ]; then
        ./home/oracle/.bash_profile
fi

# Determine and execute action based on command line parameter

# check Oracle db status
function chkdb_status() {

        # set username
        SUSER="scott"
        # set password
        SPASS="123456"

        sqlplus -s /nolog > /dev/null 2>&1 <<EOF
whenever sqlerror exit failure
connect $SUSER/$SPASS
exit success
EOF

        if [ $? -ne 0 ]; then
                echo "Connection failed : DB is down"
                exit 1
        else
                echo "Connection succeeded : DB is up"
fi
}


function isql {
        case "$1" in
                start)
                        echo  "*** Starting Oracle iSQL Plus *** "
                        su - $USER -c "$ORACLE_HOME/bin/isqlplusctl start"
                        echo "*** Note: You can access service at url:  http://$(hostname):5560/isqlplus"
                        ;;
                stop)
                        echo  "*** Stopping Oracle iSQL Plus *** "
                        su - $USER -c "$ORACLE_HOME/bin/isqlplusctl stop"
                        ;;
                *)
                        echo "Usage: $1 isql {start|stop}"
```

```
                                        ;;
                esac

}

function sqlplus {
        case "$1" in
                start)

su - "$oracle_user"<<EOO
    lsnrctl start
    apachectl start
    sqlplus /nolog<<EOS
      connect / as sysdba
      startup
EOS
EOO
                                        ;;
                stop)
su - "$oracle_user"<<EOO
    lsnrctl stop
    apachectl stop
    sqlplus /nolog<<EOS
      connect / as sysdba
      shutdown immediate
EOS
EOO
                                        ;;
                *)
                                echo "Usage: $1 emctl {start|stop}"
                                ;;
        esac

}
function emctl {
        case "$1" in
                start)
                                echo  "*** Starting Oracle Enterprise Manager 10g Database Control ***"
                                su - $USER -c "$ORACLE_HOME/bin/emctl start dbconsole"
                                echo "*** Note: You can access service at url:  http://$(hostname):1158/em"
                                ;;
                stop)
                                echo  "*** Stopping Oracle Enterprise Manager 10g Database Control ***"
                                su - $USER -c "$ORACLE_HOME/bin/emctl stop dbconsole"
                                ;;
                *)
                                echo "Usage: $1 emctl {start|stop}"
                                ;;
        esac
}
case "$1" in
        start)
                        echo "Starting Oracle database(s) listed in /etc/oratab ..."
                        sleep 2
                        su - $USER -c "$ORACLE_HOME/bin/dbstart"
                        echo "Starting TNS listener ..."
                        sleep 2
                        su - $USER -c "$ORACLE_HOME/bin/lsnrctl start"
                        touch /var/lock/subsys/orcl
                        ;;
        stop)
                        echo "Shutting down TNS listener ..."
                        sleep 2
                        su - $USER -c "$ORACLE_HOME/bin/lsnrctl stop"
                        echo "Shutting down Oracle database(s) listed in /etc/oratab ..."
                        su - $USER -c "$ORACLE_HOME/bin/dbshut"
                        rm -f /var/lock/subsys/orcl
                        ;;
        status)
                        chkdb_status
                        ps -ax | grep -e ora_  -e tnslsnr
                        ;;
        isql)
                        isql $2
                        ;;
        sqlplus)
                        sqlplus $2
                        ;;
        emctl)
```

```
                emctl $2
                ;;
        *)
                echo "Usage: $1 {start|stop|status}"
                echo
                echo "Usage: $1 [isql | sqlplus | emctl] {start|stop}"
                ;;
esac
exit 0
```

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